

HT-03-026



IFW

May 21, 2004

To: Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572
28 Davis Avenue
Poughkeepsie, N.Y. 12603

Subject: | Serial No. 10/823,098 04/13/04 |
Kowang Liu et al.
HEAT EXTRACTOR FOR MAGNETIC
READER-WRITER
| _____ |

INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation
In An Application.

The following Patents and/or Publications are submitted to
comply with the duty of disclosure under CFR 1.97-1.99 and
37 CFR 1.56.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being
deposited with the United States Postal Service as first class
mail in an envelope addressed to: Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450, on May 24, 2004.

Stephen B. Ackerman, Reg.# 37761

Signature/Date

SB Ackerman 5/24/04

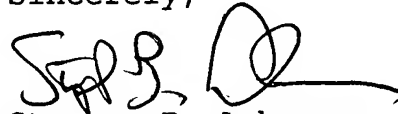
HT-03-026

U.S. Patent 6,181,514 to Santini et al., "Scaled Write Head with High Recording Density and High Data Rate," discloses a non-organic insulating material on the coil as a heat dissipater.

U.S. Patent 6,466,404 to Crue, Jr. et al. "Magnetic Read/Write Device with Insulated Coil Layer Recessed into Pole," discloses AIN or other material as an undercoat under the coil to dissipate heat.

U.S. Patent 6,381,094 to Gill, "Shield Structure with a Heat Sink Layer for Dissipating Heat from a Read Sensor," teaches using gold and tantalum as a heat sink layer.

Sincerely,

A handwritten signature in black ink, appearing to read 'SBA', followed by a long horizontal flourish.

Stephen B. Ackerman,
Reg. No. 37761

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

HT-03-026

Application Number

10/823,098

Applicant

Ko Wang Lin et al.

Filing Date

04/13/04

Group Art Unit

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
	6181514	1/30/01	Santini et al.	360	126	12/4/98
	6466404	10/15/02	Crue, Jr. et al.	360	126	11/26/01
	6381094	4/30/02	Gill	360	126	7/23/99



FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.